

Title (en)

GAS DIFFUSION LAYER MEMBER FOR SOLID POLYMER FUEL CELLS, AND SOLID POLYMER FUEL CELL

Title (de)

GASDIFFUSIONSSCHICHTELEMENT FÜR FESTPOLYMERBRENNSTOFFZELLEN UND FESTPOLYMERBRENNSTOFFZELLE

Title (fr)

ÉLÉMENT DE COUCHE DE DIFFUSION DE GAZ POUR PILES À COMBUSTIBLE POLYMÈRES SOLIDES, ET PILE À COMBUSTIBLE POLYMÈRE SOLIDE

Publication

EP 2461401 A4 20140122 (EN)

Application

EP 10804457 A 20100728

Priority

- JP 2009175254 A 20090728
- JP 2010062720 W 20100728

Abstract (en)

[origin: EP2461401A1] To provide a gas diffusion layer member with a good RH balance. A gas diffusion layer member for solid polymer type fuel cell use comprising a sheet-shaped gas permeable conductive base material of a thickness of 100 to 250 μm in range, which gas diffusion layer member is characterized in that a moisture vapor transmission rate by the measurement method defined by JIS L 1099:2006 is 1300 to 2000 $\text{g/m}^2/\text{h}$ in range.

IPC 8 full level

H01M 8/02 (2006.01); **H01M 8/10** (2006.01); **H01M 4/86** (2006.01); **H01M 8/04** (2006.01)

CPC (source: EP KR US)

H01M 4/8605 (2013.01 - KR); **H01M 4/96** (2013.01 - KR); **H01M 8/0234** (2013.01 - EP KR US); **H01M 8/0243** (2013.01 - KR); **H01M 8/0245** (2013.01 - EP KR US); **H01M 8/04171** (2013.01 - KR); **H01M 8/10** (2013.01 - KR); **H01M 8/023** (2013.01 - EP US); **H01M 8/0243** (2013.01 - EP US); **H01M 8/04171** (2013.01 - EP US); **H01M 2004/8689** (2013.01 - EP KR US); **H01M 2008/1095** (2013.01 - EP KR US); **Y02E 60/50** (2013.01 - EP KR); **Y02P 70/50** (2015.11 - KR)

Citation (search report)

- [X] JP 2008277281 A 20081113 - JSR CORP
- [I] US 2006204833 A1 20060914 - NOMI HARUO [JP], et al
- See references of WO 2011013711A1

Cited by

EP2985826A4

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